Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 21 Jun 2023 until 23:59 on Thursday 22 Jun 2023

Forecast Issued on Tuesday 20 Jun 2023 at 17:28

Confidence: High confidence in the general outlook with mainly dry and increasingly warm or very warm conditions towards the weekend. Confidence is moderate for any shower detail and timing and position of frontal systems on Friday and Sunday.

Headline for Wednesday 21 Jun 2023: Mainly fine and dry with sunny spells and a few showers.

Mountain weather hazards on Wednesday 21 Jun 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
Low Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Cloudy	Sunny intervals	Light rain showers	Light rain showers	Light rain showers	Clear night
Precipitation probability							
<05%	10%	20%	20%	30%	30%	30%	<05%

Forecast for Wednesday 21 Jun 2023

Weather: Mainly dry during the morning, but a very slight chance of some light showers on cloudier western slopes. Sunny spells for all areas by the afternoon with a chance of showers, perhaps with the odd rumble or two of thunder, but these easing during the early evening.

Chance of cloud-free hill tops above 600m: 40% in the west, 90% east at first. Becoming 95% for all areas by late morning.

Low cloud and visibility: Occasional areas of low cloud on western slopes early morning with bases 400-600m. Bases lifting though the day to be above summits by mid-morning, but perhaps briefly seeing some scraps of cloud to 500-600m in any showers from the afternoon. Very good visibility outside of cloud, lowering to moderate or perhaps locally poor in any showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Wednesday 21 Jun 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/17 SW	17/23 SW	17/22 SW	17/22 SW	17/22 SW	14/19 W	11/15 W	5/8 NW	4/6 NW
300	9/12 SW	11/18 SW	12/16 SW	12/16 SW	11/16 SW	11/15 W	8/12 NW	3/8 N	4/5 NE
Valley	3/12 SW	6/17 SW	7/14 SW	9/16 SW	8/16 SW	8/15 W	8/14 NW	4/9 NW	2/3 N

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/10	11/8	11/8	13/10	15/12	16/14	16/14	14/13	13/13
300	15/13	14/12	14/12	16/14	18/16	19/17	19/17	16/16	15/14
Valley	14/14	13/12	14/13	17/16	19/18	20/19	20/18	16/15	13/13
Freezing Level*	2500m	2300m	2400m	2400m	2500m	2600m	2600m	2500m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

The best of the conditions are likely to be during the afternoon, but still with a risk of being caught by a heavy, thundery shower. UV levels will be high once again, so adequate sun protection will be required.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 20 Jun 2023	7.4mm	23mm	25.8mm

Forecast for Thursday 22 Jun 2023

Weather: A dry and largely sunny morning. Some infill of cloud by the afternoon and a chance of showers, these perhaps becoming locally heavy and thundery. Showers easing late afternoon or early evening.

Maximum wind: 5-10mph, variable but mainly northeasterly winds.

Chance of cloud-free hill tops above 600m: 95%.

Low cloud and visibility: Generally nil low cloud but any afternoon showers could briefly allow some patchy cloud to form on or above the highest slopes. Very good visibility in general, but locally moderate to poor in afternoon showers.

Temperature: **Valleys:** Plus 13 Celsius rising to Plus 23 Celsius.
At 600m: Plus 13 Celsius rising to Plus 18 Celsius.
Freezing level: Above summits.

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